

\$%^STN;HighlightOn= \*\*\*;HighlightOff=\*\*\*

## Connecting via Winsock to STN

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 JUL 02 LMEDLINE coverage updated  
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 4 JUL 02 CHEMCATS accession numbers revised  
NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China  
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts  
NEWS 7 JUL 18 CA/CAplus patent coverage enhanced  
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 9 JUL 30 USGENE now available on STN  
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 11 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 12 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents  
NEWS 13 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records  
NEWS 14 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 15 AUG 27 USPATOLD now available on STN  
NEWS 16 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 17 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 18 SEP 13 FORIS renamed to SOFIS  
NEWS 19 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 20 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998  
NEWS 21 SEP 17 CAplus coverage extended to include traditional medicine patents  
NEWS 22 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 23 OCT 02 CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt  
NEWS 24 OCT 19 BEILSTEIN updated with new compounds  
NEWS 25 NOV 15 Derwent Indian patent publication number format enhanced  
NEWS 26 NOV 19 WPIX enhanced with XML display format

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:03:29 ON 23 NOV 2007

=> file medline capplus embase biosis

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 14:03:46 ON 23 NOV 2007

FILE 'CAPLUS' ENTERED AT 14:03:46 ON 23 NOV 2007

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FILE 'EMBASE' ENTERED AT 14:03:46 ON 23 NOV 2007

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FILE 'BIOSIS' ENTERED AT 14:03:46 ON 23 NOV 2007

Copyright (c) 2007 The Thomson Corporation

=> s (guhcl or guanidin?) (30a) (sarcosyl or sarkosyl or sarcosine or sarconsinate or Lauroylsarcosine  
L1 0 (GUHCL OR GUANIDIN?) (30A) (SARCOSYL OR SARKOSYL OR SARCOSINE  
OR SARCONSINATE OR LAUROYLSARCOSINE OR LAUROILSARCOSINA OR LAURO  
YLSARKOSIN OR CRODASINIC) (30A) EDTA (30A) (BME OR MERCAPTOETHANO  
L)

=> s (guhcl or guanidin?) (30a) (sarcosyl or sarkosyl or sarcosine or sarconsinate or Lauroylsarcosine  
L2 12 (GUHCL OR GUANIDIN?) (30A) (SARCOSYL OR SARKOSYL OR SARCOSINE  
OR SARCONSINATE OR LAUROYLSARCOSINE OR LAUROILSARCOSINA OR LAURO  
YLSARKOSIN OR CRODASINIC) (30A) EDTA

=> dup remove 12  
PROCESSING COMPLETED FOR L2  
L3 6 DUP REMOVE L2 (6 DUPLICATES REMOVED)

=> s 13 (30a) (dtt or thiethreitol)  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L16 (30A)'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L18 (30A)'  
L4 0 L3 (30A) (DTT OR THIOTHREITOL)

=> s 13 (30a) (dtt or dithiothreitol)  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (30A)'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'L27 (30A)'  
L5 0 L3 (30A) (DTT OR DITHIOTHREITOL)

=> d ti 1-6 13

L3 ANSWER 1 OF 6 MEDLINE on STN DUPLICATE 1  
TI Novel extraction strategy of ribosomal RNA and genomic DNA from cheese for  
PCR-based investigations.

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
TI A method of isolation of genomic DNA from microorganism cells for use in  
polymerase chain reaction

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Investigation of tightly bound DNA-proteins from eukaryotic cells

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Investigation of the stability of DNA-protein complexes from Ehrlich  
ascites tumor cells

L3 ANSWER 5 OF 6 MEDLINE on STN DUPLICATE 2  
TI Development of a rapid and efficient restriction endonuclease analysis  
typing system for Clostridium difficile and correlation with other typing  
systems.

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Rapid isolation of DNA from Staphylococcus aureus

=> d kwic 1-6  
L5 HAS NO ANSWERS  
'1-6' IS NOT A VALID SEARCH STATUS KEYWORD

Search status keywords:

NONE ---- Display only the number of postings.

STATUS -- Display statistics of the search.

ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:13

'L11' IS NOT A VALID SEARCH STATUS KEYWORD

Search status keywords:

NONE ---- Display only the number of postings.  
STATUS -- Display statistics of the search.  
ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:1  
'1' IS NOT A VALID SEARCH STATUS KEYWORD  
Search status keywords:  
NONE ---- Display only the number of postings.  
STATUS -- Display statistics of the search.  
ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:none  
L2 12 SEA (GUHCL OR GUANIDIN?) (30A) (SARCOSYL OR SARKOSYL OR  
SARCOSINE OR SARCONINATE OR LAUROYLSARCOSINE OR LAUROILSARCOSI  
NA OR LAUROYLSARKOSIN OR CRODASINIC) (30A) EDTA  
L3 6 DUP REMOVE L2 (6 DUPLICATES REMOVED)  
L5 0 SEA L3 (30A) (DTT OR DITHIOTHREITOL)

=> d kiwc 1-6 13

'KIWC' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid  
in at least one of the files. Refer to file specific help messages  
or the STNGUIDE file for information on formats available in  
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):kwic

L3 ANSWER 1 OF 6 MEDLINE on STN DUPLICATE 1  
AB . . . acids isolation from anaerobic digestor, without preliminary  
washing step with the combined use of the action of chaotropic agent (acid  
\*\*\*guanidinium\*\*\* thiocyanate), detergents (SDS, N-  
\*\*\*lauroylsarcosine\*\*\*), chelating agent ( \*\*\*EDTA\*\*\* ) and a  
mechanical method (bead beating system). The DNA purification was carried  
out by two washing steps of phenol-chloroform. RNA. . .

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AB . . . genomic DNA the analyzed sample (cells of yeast, fungi and  
gram-pos. bacteria) are suspended in buffer soln. contg. chaotrop salt (   
\*\*\*guanidine\*\*\* thiocyanate or \*\*\*guanidine\*\*\* chloride), reducing  
agent of disulfide bonds (2-mercapto-ethanol), chelating agent (   
\*\*\*EDTA\*\*\* ) and detergent ( \*\*\*sarcosyl\*\*\* ) taken in corresponding  
concs. in the ratio of buffer soln. to the vol. of bacterial cells  
exceeding 5:1. Suspension is. . .

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AB . . . DNA-bound proteins. The tight assocn. of these proteins with DNA  
could not be disrupted by an exposure to 0.2 M \*\*\*guanidine\*\*\*  
.cntdot.HCl, 4M urea, 2% \*\*\*sarcosyl\*\*\*, 2% SDS, 0.1M boric acid,  
0.02M phenanthroline, 0.01M \*\*\*EDTA\*\*\*, 0.1 N NaOH and high concns. of  
salt. Such DNA-protein complexes were not disrupted after repeated  
ethanol pptns. and incubation. . .

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AB . . . are tightly bound to DNA. These DNA-protein complexes are stable  
during repeated salting out steps, ethanol pptn., incubation in 2%  
\*\*\*sarcosyl\*\*\*, 4 M urea, 0.001, 0.05 and 0.1 M boric acid, 0.1 and 0.2  
M \*\*\*guanidine\*\*\* -HCl, 0.02 M phenanthroline, 0.01 M \*\*\*EDTA\*\*\*,  
0.025 M ZnSO<sub>4</sub> and partly stable in 2% SDS. However, proteins in this  
complex are not covalently bound to DNA,. . .

L3 ANSWER 5 OF 6 MEDLINE on STN DUPLICATE 2  
AB . . . REA type was chosen for DNA band pattern comparisons, cytotoxin  
testing, and plasmid analysis. The DNA band patterns utilizing a  
\*\*\*guanidine\*\*\* thiocyanate- \*\*\*EDTA\*\*\* - \*\*\*Sarkosyl\*\*\* DNA  
extraction method were 94% reproducible, while the original and  
sporadically problematic diethyl pyrocarbonate-sodium dodecyl sulfate DNA  
extraction method was. . .

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AB . . . lysis and guanidine-HCl as denaturant. The washed S. aureus  
cells were suspended in Triss-HCl buffer, pH 8.0, contg. NaCl and  
\*\*\*EDTA\*\*\*, followed by addn. of lysostaphin, \*\*\*Sarkosyl\*\*\*, and  
\*\*\*guanidine\*\*\* -HCl, diln., and centrifugation on a 2-step CsCl cushion.  
The obtained DNA had high mol. wt., as detd. by agarose gel. . .

=> d bib 2

L5 HAS NO ANSWERS

'2' IS NOT A VALID SEARCH STATUS KEYWORD

Search status keywords:

NONE ---- Display only the number of postings.

STATUS -- Display statistics of the search.  
 ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:?  
 Search status keywords  
 NONE ---- Display only the number of postings.  
 STATUS -- Display statistics of the search.  
 ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:?  
 Search status keywords  
 NONE ---- Display only the number of postings.  
 STATUS -- Display statistics of the search.  
 ENTER SEARCH STATUS OPTION (NONE), STATUS, OR ?:none  
 L2 12 SEA (GUHCL OR GUANIDIN?) (30A) (SARCOSYL OR SARKOSYL OR  
 SARCOSE OR SARCONSINATE OR LAUROYLSARCOSINE OR LAUROILSARCOSI  
 NA OR LAUROYLSARKOSIN OR CRODASINIC) (30A) EDTA  
 L3 6 DUP REMOVE L2 (6 DUPLICATES REMOVED)  
 L5 0 SEA L3 (30A) (DTT OR DITHIOTHREITOL)

=> d bib l3 2

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:633152 CAPLUS <<LOGINID::20071123>>  
 DN 137:274008  
 TI A method of isolation of genomic DNA from microorganism cells for use in  
 polymerase chain reaction  
 IN Danilevich, V. N.; Grishin, E. V.  
 PA Institut Bioorganicheskoi Khimii Im. M. M. Shemyakina I Yu. A.  
 Ovchinnikova Ran, Russia  
 SO Russ., No pp. given  
 CODEN: RUXXE7  
 DT Patent  
 LA Russian  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI RU 2177035	C2	20011220	RU 2000-104075	20000221
PRAI RU 2000-104075		20000221		

=> FIL STNGUIDE  
 COST IN U.S. DOLLARS SINCE FILE TOTAL  
 ENTRY SESSION  
 FULL ESTIMATED COST 72.90 73.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL  
 ENTRY SESSION  
 CA SUBSCRIBER PRICE -3.12 -3.12

FILE 'STNGUIDE' ENTERED AT 14:10:09 ON 23 NOV 2007  
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 LAST RELOADED: Nov 16, 2007 (20071116/UP).

=> logoff  
 ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
 LOGOFF? (Y)/N/HOLD:y  
 COST IN U.S. DOLLARS SINCE FILE TOTAL  
 ENTRY SESSION  
 FULL ESTIMATED COST 0.24 73.35

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL  
 ENTRY SESSION  
 CA SUBSCRIBER PRICE 0.00 -3.12

STN INTERNATIONAL LOGOFF AT 14:12:24 ON 23 NOV 2007

\$.%^STN:HighlightOn= \*\*\*;HighlightOff=\*\*\*

## Connecting via Winsock to STM

Welcome to STN International! Enter x:x

LOGINID:ssptasmb1637

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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FILE 'HOME' ENTERED AT 14:34:50 ON 23 NOV 2007

=> file registry  
COST IN U.S. DOLLARS

SINCE FILE TOTAL  
ENTRY SESSION  
0.21 0.21

FILE 'REGISTRY' ENTERED AT 14:35:10 ON 23 NOV 2007  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 22 NOV 2007 HIGHEST RN 955628-80-5  
DICTIONARY FILE UPDATES: 22 NOV 2007 HIGHEST RN 955628-80-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> s tggcaacggcattgaactgt/seqn
'SEQN' IS NOT A VALID FIELD CODE
L1          0 TGGCAACGGCATTGAACTGT/SEQN

=> s tggcaacggcattgaactgt/sqen
     3 TGGCAACGGCATTGAACTGT/SQEN
     562536 SQL=20
L2          3 TGGCAACGGCATTGAACTGT/SQEN
             (TGGCAACGGCATTGAACTGT/SQEN AND SQL=20)

=> d 1-3
```

```
L2  ANSWER 1 OF 3  REGISTRY  COPYRIGHT 2007 ACS on STN
RN  904336-34-1  REGISTRY
ED  Entered STN: 25 Aug 2006
CN  DNA, d(T-G-G-C-A-A-C-G-G-C-A-T-T-G-A-A-C-T-G-T) (9CI) (CA INDEX NAME)
FS  NUCLEIC ACID SEQUENCE
MF  Unspecified
CI  MAN
SR  CA
LC  STN Files: CA, CAPLUS
```

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

```
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
     1 REFERENCES IN FILE CA (1907 TO DATE)
     1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

```
L2  ANSWER 2 OF 3  REGISTRY  COPYRIGHT 2007 ACS on STN
RN  835540-34-6  REGISTRY
ED  Entered STN: 21 Feb 2005
CN  GenBank CS016508 (9CI) (CA INDEX NAME)
FS  NUCLEIC ACID SEQUENCE
MF  Unspecified
CI  MAN
SR  GenBank
LC  STN Files: GENBANK
```

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

```
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
```

```
L2  ANSWER 3 OF 3  REGISTRY  COPYRIGHT 2007 ACS on STN
RN  830361-43-8  REGISTRY
ED  Entered STN: 14 Feb 2005
CN  DNA, d(T-G-G-C-A-A-C-G-G-C-A-T-T-G-A-A-C-T-G-T) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN  1: PN: WO2005010186 SEQID: 1 claimed DNA
FS  NUCLEIC ACID SEQUENCE
MF  Unspecified
```

CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s taagcaggcccagtgcgt/seqn  
'SEQN' IS NOT A VALID FIELD CODE  
L3 0 TAAGCAGGCCAGTAGCGT/SEQN

=> s taagcaggcccagtgcgt/sqen  
3 TAAGCAGGCCAGTAGCGT/SQEN  
1505965 SQL=19  
L4 3 TAAGCAGGCCAGTAGCGT/SQEN  
(TAAGCAGGCCAGTAGCGT/SQEN AND SQL=19)

=> d 1-3

L4 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 904336-35-2 REGISTRY  
ED Entered STN: 25 Aug 2006  
CN DNA, d(T-A-A-G-C-A-G-G-C-C-A-G-T-A-G-C-G-T) (9CI) (CA INDEX NAME)  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 835540-35-7 REGISTRY  
ED Entered STN: 21 Feb 2005  
CN GenBank CS016509 (9CI) (CA INDEX NAME)  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: GENBANK

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L4 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 830361-44-9 REGISTRY  
ED Entered STN: 14 Feb 2005  
CN DNA, d(T-A-A-G-C-A-G-G-C-C-A-G-T-A-G-C-G-T) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 2: PN: WO2005010186 SEQID: 2.claimed DNA  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d atctgttgtccgcgtgcc/sqen

'ATCTGTTGCCATGCC' MUST END IN '/Q', '/A', '/L', '/S' OR '/B'  
The saved name for a query (or structure or screen set) must end with '/Q'. The saved name for an answer set must end with '/A'. The saved name for an L# list must end with '/L'. SDI request names must end with '/S'. To see a list of all saved query, answer set,, and L# list names for this loginid, enter "DISPLAY SAVED" at an arrow prompt (=>). Enter "DISPLAY SAVED/S" to see a list of SDI request names. Enter "DISPLAY SAVED/B" to see a list of BATCH search requests.

```
=> s atctgttgcacatgcc/sqen
      2 ATCTGTTGCCATGCC/SQEN
      1505965 SQL=19
L5      2 ATCTGTTGCCATGCC/SQEN
      (ATCTGTTGCCATGCC/SQEN AND SQL=19)
```

```
=> d 1-2
```

```
L5  ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2007 ACS on STN
RN  835540-36-8  REGISTRY
ED  Entered STN: 21 Feb 2005
CN  GenBank CS016510 (9CI)  (CA INDEX NAME)
FS  NUCLEIC ACID SEQUENCE
MF  Unspecified
CI  MAN
SR  GenBank
LC  STN Files:  GENBANK
```

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

```
L5  ANSWER 2 OF 2  REGISTRY  COPYRIGHT 2007 ACS on STN
RN  830361-45-0  REGISTRY
ED  Entered STN: 14 Feb 2005
CN  DNA, d(A-T-C-T-G-T-T-G-T-C-C-C-G-C-A-T-G-C-C) (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN  3: PN: WO2005010186 SEQID: 3 claimed DNA
FS  NUCLEIC ACID SEQUENCE
MF  Unspecified
CI  MAN
SR  CA
LC  STN Files:  CA, CAPLUS, USPATFULL
```

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> s gtccagcgcccacatcttt/sqen
      2 GTCCAGCGCCCACATCTTT/SQEN
      1505965 SQL=19
L6      2 GTCCAGCGCCCACATCTTT/SQEN
      (GTCCAGCGCCCACATCTTT/SQEN AND SQL=19)
```

```
=> d 1-2
```

```
L6  ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2007 ACS on STN
RN  835540-37-9  REGISTRY
ED  Entered STN: 21 Feb 2005
CN  GenBank CS016511 (9CI)  (CA INDEX NAME)
FS  NUCLEIC ACID SEQUENCE
MF  Unspecified
CI  MAN
SR  GenBank
LC  STN Files:  GENBANK
```

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

```
L6  ANSWER 2 OF 2  REGISTRY  COPYRIGHT 2007 ACS on STN
```

RN 830361-46-1 REGISTRY  
ED Entered STN: 14 Feb 2005  
CN DNA, d(G-T-C-C-A-G-C-G-C-C-C-A-C-A-T-C-T-T-T) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 4: PN: WO2005010186 SEQID: 4 claimed DNA  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
SESSION  
FULL ESTIMATED COST ENTRY 53.90 54.11

FILE 'CAPLUS' ENTERED AT 14:42:10 ON 23 NOV 2007  
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FILE COVERS 1907 - 23 Nov 2007 VOL 147 ISS 23  
FILE LAST UPDATED: 22 Nov 2007 (20071122/ED)

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<http://www.cas.org/infopolicy.html>

=> s 904336-34-1/rn  
1 904336-34-1  
0 904336-34-1D  
L7 1 904336-34-1/RN  
(904336-34-1 (NOTL) 904336-34-1D )

=> d ti 1

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
TI PCR amplification of shorter fragments from the devR(Rv3133c) gene significantly increases the sensitivity of tuberculosis diagnosis

=> d bib

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:448808 CAPLUS <<LOGINID::20071123>>  
DN 145:203598  
TI PCR amplification of shorter fragments from the devR(Rv3133c) gene significantly increases the sensitivity of tuberculosis diagnosis  
AU Chakravorty, Soumitedh; Pathak, Divya; Dudeja, Mridu; Haldar, Sagarika; Hanif, M.; Tyagi, Jaya Sivaswami  
CS Department of Biotechnology, All India Institute of Medical Sciences, New Delhi, India  
SO FEMS Microbiology Letters (2006), 257(2), 306-311  
CODEN: FMLED7; ISSN: 0378-1097  
PB Blackwell Publishing Ltd.  
DT Journal  
LA English

RE.CNT 20

THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 835540-34-6/rn  
 0 835540-34-6  
 0 835540-34-6D  
 L8 0 835540-34-6/RN  
 (835540-34-6 (NOTL) 835540-34-6D )

=> s 830361-43-8/rn  
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 L9 1 830361-43-8/RN  
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L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Methods for diagnosis of tuberculosis by smear microscopy, culture and PCR

=&gt; d bib

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:99627 CAPLUS <>LOGINID::20071123>>  
 DN 142:149733  
 TI Methods for diagnosis of tuberculosis by smear microscopy, culture and PCR  
 IN Tyagi, Jaya Sivaswami; Chakravorty, Soumitesh  
 PA All India Institute of Medical Sciences A.I.I.M.S., India  
 SO PCT Int. Appl., 118 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005010186	A1	20050203	WO 2003-IB3211	20030729
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	IN 191511	A1	20031206	IN 2000-DE497	20000510
	AU 2003247060	A1	20050214	AU 2003-247060	20030729
	EP 1649014	A1	20060426	EP 2003-817620	20030729
	R: DE, FR, GB, IT				
	CN 1856570	A	20061101	CN 2003-827070	20030729
	US 2007111206	A1	20070517	US 2006-566223	20060127
PRAI	IN 2000-DE497	A	20000510		
	WO 2003-IB3211	A	20030729		

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L10 1 904336-35-2/RN  
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L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
TI PCR amplification of shorter fragments from the devR(Rv3133c) gene significantly increases the sensitivity of tuberculosis diagnosis

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L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Methods for diagnosis of tuberculosis by smear microscopy, culture and PCR

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(835540-36-8 (NOTL) 835540-36-8D )

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(830361-45-0 (NOTL) 830361-45-0D )

=> d ti

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Methods for diagnosis of tuberculosis by smear microscopy, culture and PCR

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(830361-46-1 (NOTL) 830361-46-1D )

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L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Methods for diagnosis of tuberculosis by smear microscopy, culture and PCR

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